

ABSTRACT

The invention relates to a vertebral fixation device for the treatment of spinal conditions and more specifically spondylolisthesis. The inventive device comprises a screw (1) which is intended to be fixed to a bone and a tulip element (2) comprising vertical notches (3) in which a bar (4) moves vertically, said bar forming the connection between screws (1) belonging to other devices. The position of the aforementioned bar (4) is adjusted in relation to the bone using a support nut (15). Moreover, the bar (4) rests on the upper face of the support nut (15), such that the rotation of said nut (15) determines the vertical displacement of the bar (4) in relation to the bone, the bar remaining fixed in position by means of the closing screw (5). The invention further comprises a rosette element (8) having an inner housing which is used to house the head of the screw (1) in such a way that the head, and consequently the screw (1), remain connected to the tulip (2).

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